

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111218AR\
 Data File : FD026590.D
 Signal(s) : FID2B.CH
 Acq On : 13 Nov 2018 8:54
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 13 09:20:02 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110818.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 08 18:15:51 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.390	1392562	18.341 ug/ml
Spiked Amount 50.000		Recovery =	36.68%
6) S 2-Fluorobiphenyl (SURR)	8.240	988438	18.903 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.81%
11) S ortho-Terphenyl (SURR)	11.285	1711751	20.195 ug/ml
Spiked Amount 50.000		Recovery =	40.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.193	1531397	19.185 ug/ml
2) T Naphthalene (C11.7)	5.725	1640394	18.692 ug/ml
3) T 2-Methylnaphthalene (...)	6.776	1609220	18.567 ug/ml
5) T Acenaphthylene (C15.06)	8.044	1584247	18.691 ug/ml
7) T Acenaphthene (C15.5)	8.340	1658009	18.753 ug/ml
8) T Fluorene (C16.55)	9.118	1666421	18.908 ug/ml
9) T Phenanthrene (C19.36)	10.508	1758456	20.030 ug/ml
10) T Anthracene (C19.43)	10.582	1744623	19.927 ug/ml
12) T Fluoranthene (C21.85)	12.313	1897890	21.792 ug/ml
13) T Pyrene (C20.8)	12.607	1918492	22.134 ug/ml
14) T Benzo[a]anthracene (C...	14.478	1895484	22.290 ug/ml
15) T Chrysene (C27.41)	14.519	1911150	22.301 ug/ml
16) T benzo[b]fluoranthene ...	16.023	1923650	20.664 ug/ml
17) T Bnezo[k]fluoranthene ...	16.056	1957874	21.143 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.398	1907605	20.211 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.760	1813458	18.885 ug/ml
20) T Dibenz[a,h]anthracene...	17.803	1770784	18.865 ug/ml
21) T Benzo[g,h,i]perylene ...	18.013	1869803	19.019 ug/ml

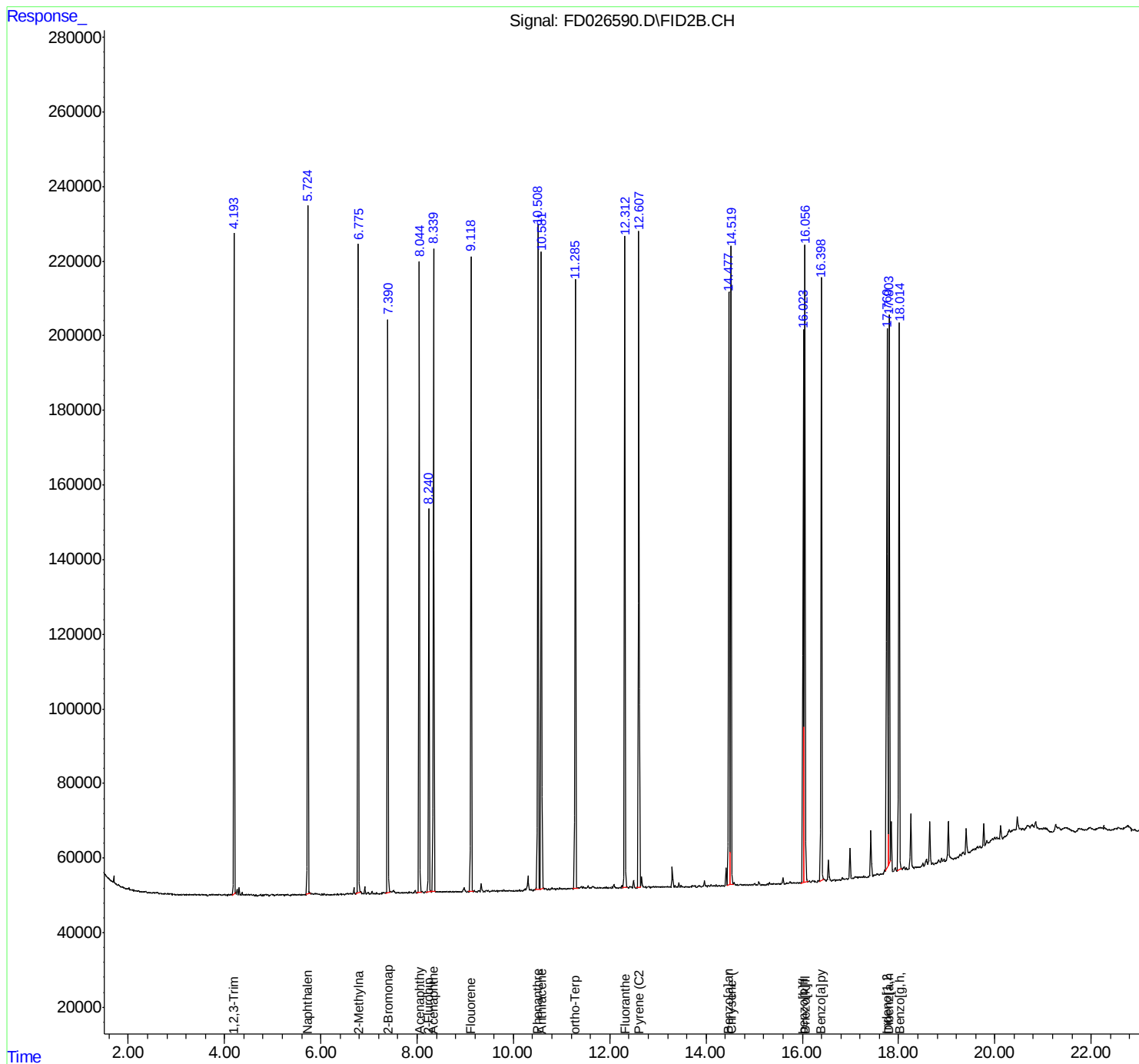
(f)=RT Delta > 1/2 Window

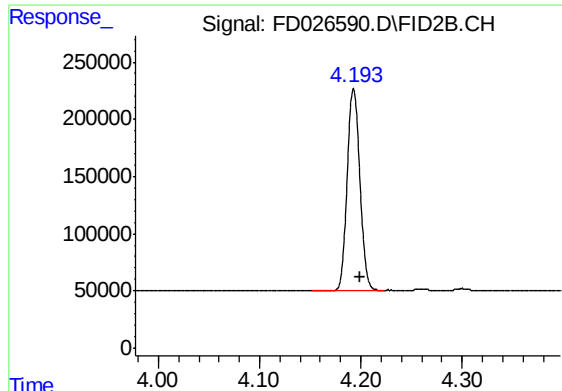
(m)=manual int.

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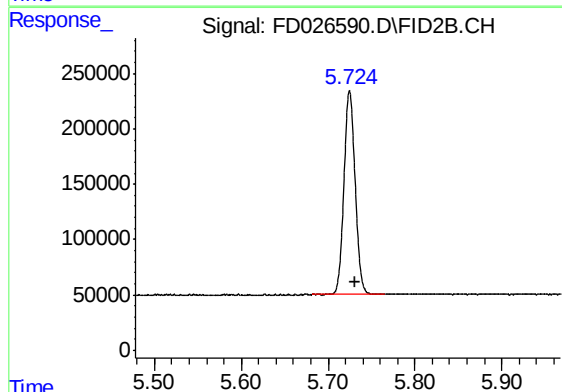
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Signal Info : 20M x 0.18mm x 0.18µm





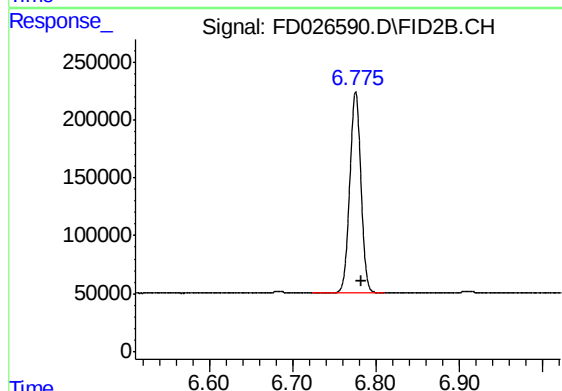
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.193 min
Delta R.T.: -0.006 min
Response: 1531397
Conc: 19.18 ug/ml



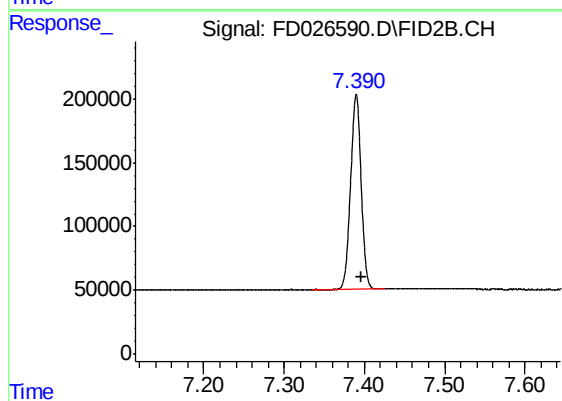
#2 Naphthalene (C11.7)

R.T.: 5.725 min
Delta R.T.: -0.006 min
Response: 1640394
Conc: 18.69 ug/ml



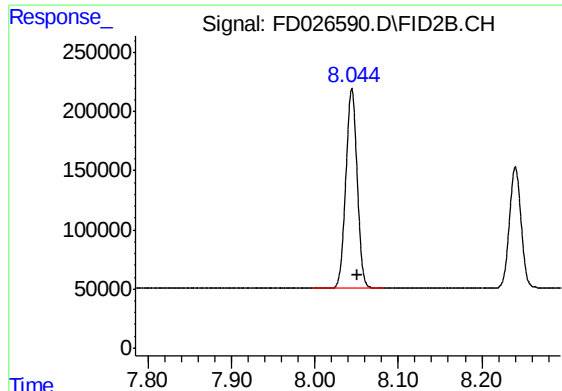
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.776 min
Delta R.T.: -0.007 min
Response: 1609220
Conc: 18.57 ug/ml



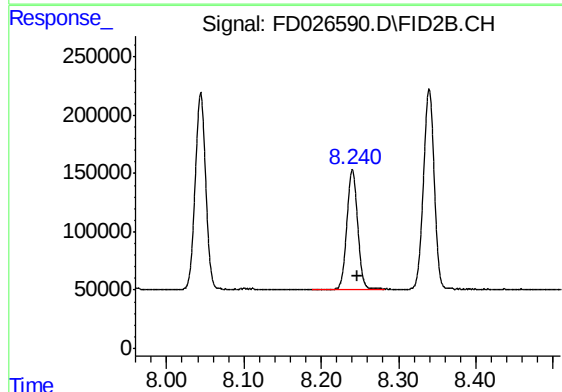
#4 2-Bromonaphthalene (SURR)

R.T.: 7.390 min
Delta R.T.: -0.006 min
Response: 1392562
Conc: 18.34 ug/ml



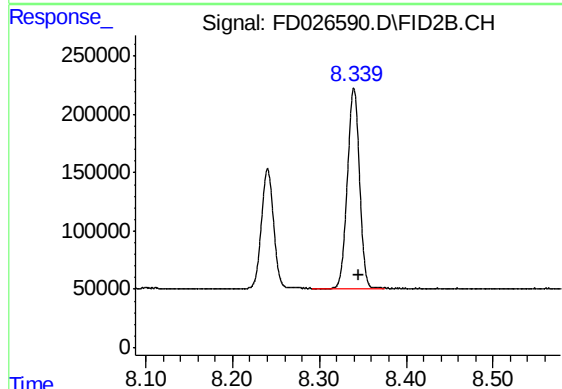
#5 Acenaphthylene (C15.06)

R.T.: 8.044 min
Delta R.T.: -0.006 min
Response: 1584247
Conc: 18.69 ug/ml



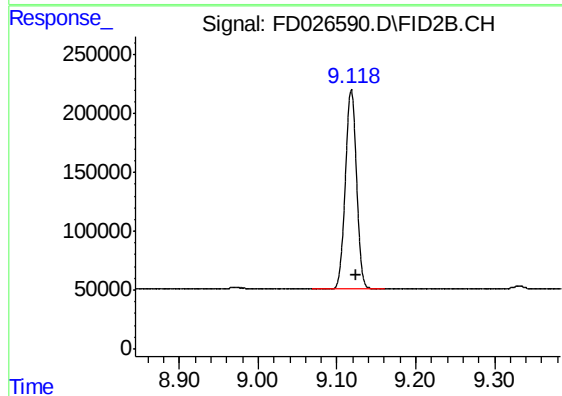
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.240 min
Delta R.T.: -0.006 min
Response: 988438
Conc: 18.90 ug/ml



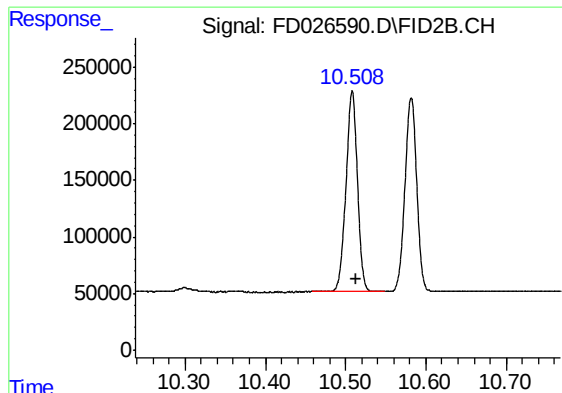
#7 Acenaphthene (C15.5)

R.T.: 8.340 min
Delta R.T.: -0.006 min
Response: 1658009
Conc: 18.75 ug/ml



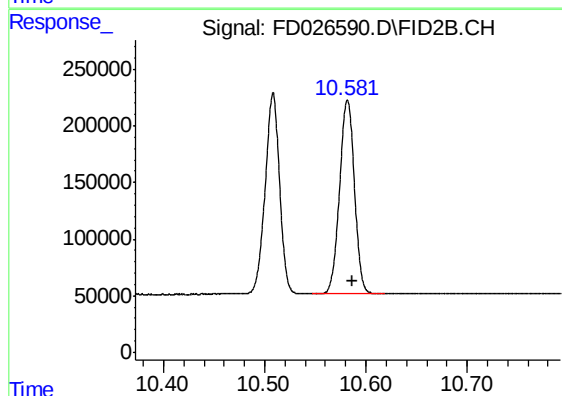
#8 Fluorene (C16.55)

R.T.: 9.118 min
Delta R.T.: -0.006 min
Response: 1666421
Conc: 18.91 ug/ml



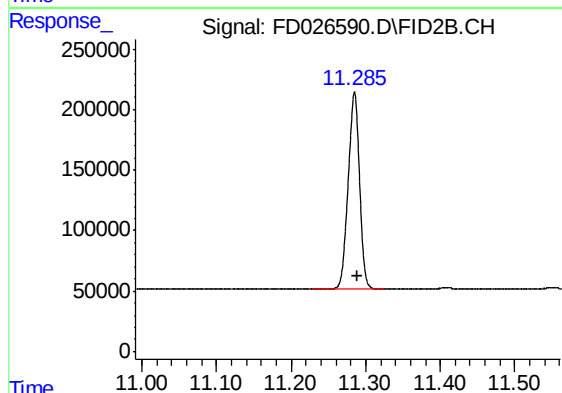
#9 Phenanthrene (C19.36)

R.T.: 10.508 min
Delta R.T.: -0.005 min
Response: 1758456
Conc: 20.03 ug/ml



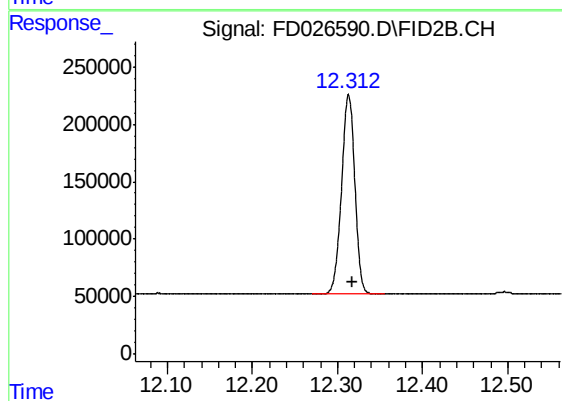
#10 Anthracene (C19.43)

R.T.: 10.582 min
Delta R.T.: -0.005 min
Response: 1744623
Conc: 19.93 ug/ml



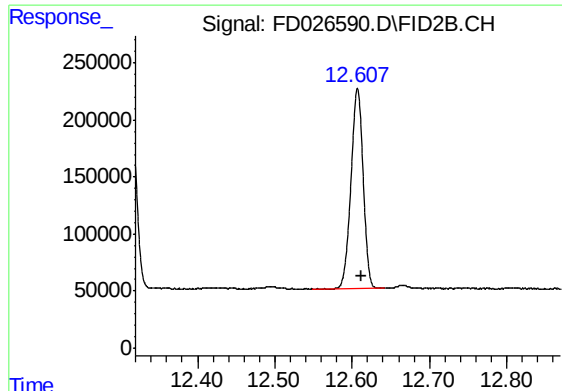
#11 ortho-Terphenyl (SURR)

R.T.: 11.285 min
Delta R.T.: -0.003 min
Response: 1711751
Conc: 20.20 ug/ml



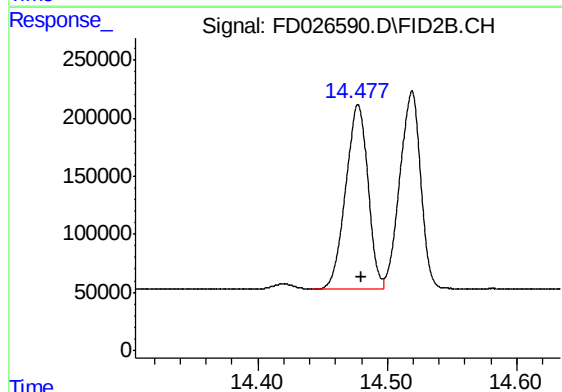
#12 Fluoranthene (C21.85)

R.T.: 12.313 min
Delta R.T.: -0.004 min
Response: 1897890
Conc: 21.79 ug/ml



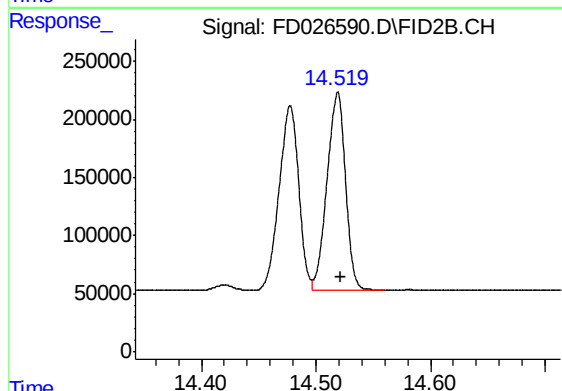
#13 Pyrene (C20.8)

R.T.: 12.607 min
Delta R.T.: -0.004 min
Response: 1918492
Conc: 22.13 ug/ml



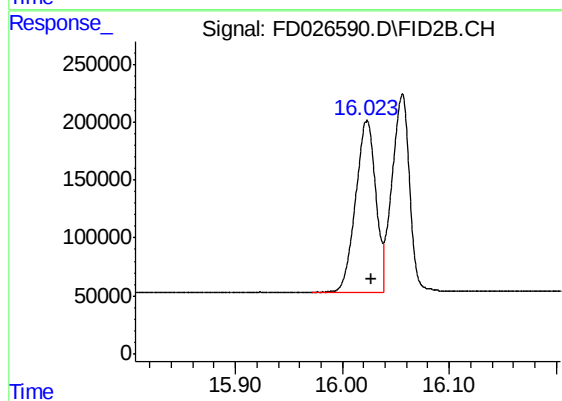
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.478 min
Delta R.T.: -0.003 min
Response: 1895484
Conc: 22.29 ug/ml



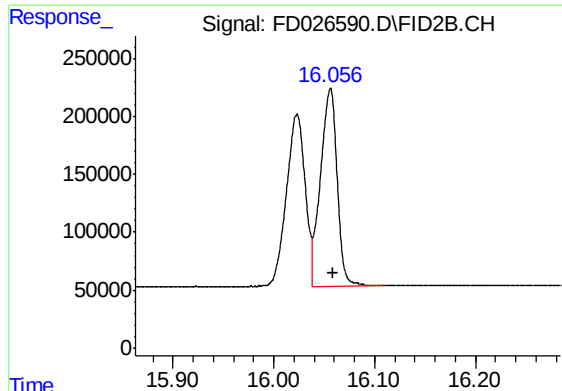
#15 Chrysene (C27.41)

R.T.: 14.519 min
Delta R.T.: -0.003 min
Response: 1911150
Conc: 22.30 ug/ml



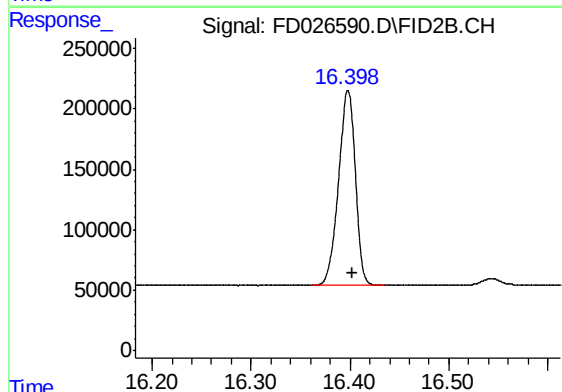
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.023 min
Delta R.T.: -0.004 min
Response: 1923650
Conc: 20.66 ug/ml



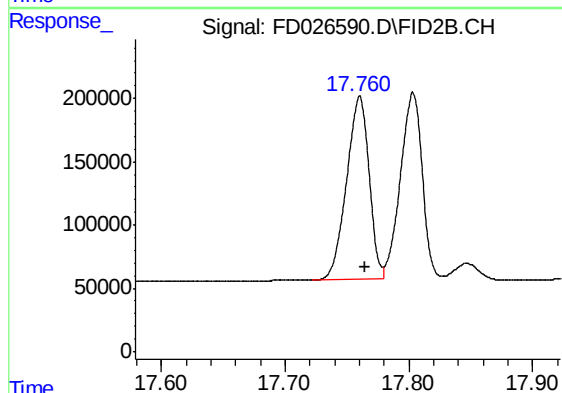
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.056 min
Delta R.T.: -0.003 min
Response: 1957874
Conc: 21.14 ug/ml



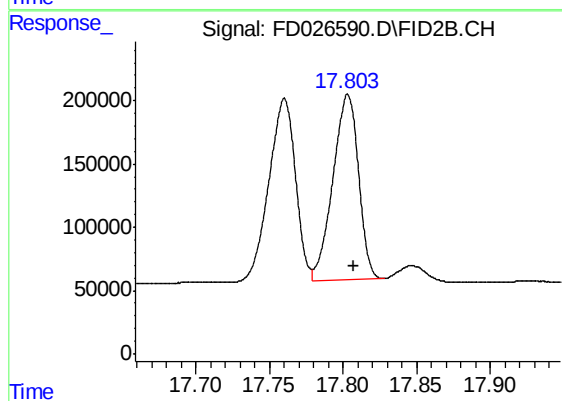
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.398 min
Delta R.T.: -0.005 min
Response: 1907605
Conc: 20.21 ug/ml



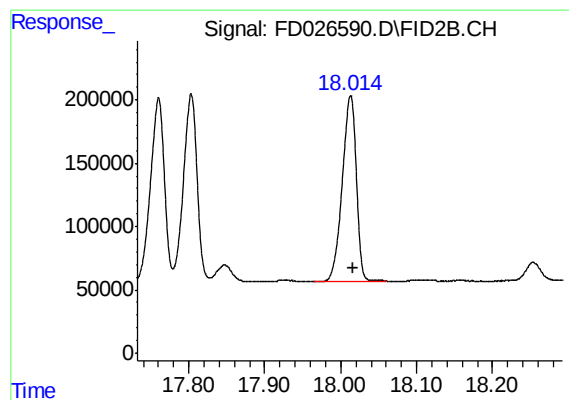
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.760 min
Delta R.T.: -0.004 min
Response: 1813458
Conc: 18.88 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.803 min
Delta R.T.: -0.004 min
Response: 1770784
Conc: 18.86 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.013 min
Delta R.T.: -0.004 min
Response: 1869803
Conc: 19.02 ug/ml